

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV100724\
 Data File : VV037747.D
 Acq On : 07 Oct 2024 09:04
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050296

Quant Time: Oct 08 04:26:32 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Oct 07 04:10:13 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 10/08/2024
 Supervised By :Semsettin Yesilyurt 10/08/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	670110	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.776	117	659422	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	360757	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	254042	43.186	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	86.380%		
7) Chloroethane-d5	1.532	69	213008	46.650	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	93.300%		
11) 1,1-Dichloroethene-d2	2.059	65	112752	45.878	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	91.760%		
21) 2-Butanone-d5	3.789	46	190448	90.896	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	90.900%		
24) Chloroform-d	4.243	84	505932	48.342	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	96.680%		
26) 1,2-Dichloroethane-d4	4.934	65	291408	47.570	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	95.140%		
32) Benzene-d6	4.950	84	967103	46.868	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	93.740%		
36) 1,2-Dichloropropane-d6	5.982	67	303647m	46.212	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	92.420%		
41) Toluene-d8	7.236	98	894417	47.802	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	95.600%		
43) trans-1,3-Dichloroprop...	7.548	79	139953	45.851	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	91.700%		
47) 2-Hexanone-d5	8.021	63	117529	84.708	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	84.710%		
56) 1,1,2,2-Tetrachloroeth...	10.146	84	355327	46.541	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	93.080%		
66) 1,2-Dichlorobenzene-d4	11.551	152	345582	45.460	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	90.920%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.108	85	264063	46.289	ug/L	99
3) Chloromethane	1.220	50	263279	47.538	ug/L	98
5) Vinyl chloride	1.285	62	277583	46.751	ug/L	100
6) Bromomethane	1.487	94	162817	49.413	ug/L	100
8) Chloroethane	1.551	64	176465	48.219	ug/L	98
9) Trichlorofluoromethane	1.715	101	394759	49.393	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	239959	50.244	ug/L	99
12) 1,1-Dichloroethene	2.069	96	215060	48.206	ug/L	95
13) Acetone	2.111	43	189111	92.071	ug/L	100
14) Carbon disulfide	2.240	76	622355	44.692	ug/L	100
15) Methyl Acetate	2.371	43	173834	48.497	ug/L	100
16) Methylene chloride	2.445	84	246290	48.757	ug/L	97
17) trans-1,2-Dichloroethene	2.690	96	227181	48.136	ug/L	99
18) Methyl tert-butyl Ether	2.703	73	671270	49.575	ug/L	99
19) 1,1-Dichloroethane	3.104	63	447901	49.532	ug/L	99
20) cis-1,2-Dichloroethene	3.809	96	257110	48.682	ug/L	99
22) 2-Butanone	3.870	43	205675	90.470	ug/L	98
23) Bromochloromethane	4.140	128	136025	49.790	ug/L	97
25) Chloroform	4.268	83	467696	49.955	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.034	62	336169	50.862	ug/L	99
29) Cyclohexane	4.574	56	346516	46.282	ug/L	100
30) 1,1,1-Trichloroethane	4.503	97	404712	49.831	ug/L	99
31) Carbon tetrachloride	4.725	117	350530	49.643	ug/L	100
33) Benzene	5.002	78	968737	48.711	ug/L	100
34) Trichloroethene	5.825	95	254249	48.005	ug/L	99
35) Methylcyclohexane	6.043	83	385457	47.309	ug/L	99
37) 1,2-Dichloropropane	6.085	63	255962	49.842	ug/L	99
38) Bromodichloromethane	6.426	83	344035	50.114	ug/L	97
39) cis-1,3-Dichloropropene	6.947	75	399207	48.698	ug/L	98
40) 4-Methyl-2-pentanone	7.153	43	410203	98.103	ug/L	98
42) Toluene	7.307	91	1046251	50.747	ug/L	100
44) trans-1,3-Dichloropropene	7.574	75	368051	49.869	ug/L	99
45) 1,1,2-Trichloroethane	7.760	97	246307	49.950	ug/L	99
46) Tetrachloroethene	7.898	164	194546	48.044	ug/L	99
48) 2-Hexanone	8.072	43	287194	88.331	ug/L	98
49) Dibromochloromethane	8.169	129	258754	49.579	ug/L	99
50) 1,2-Dibromoethane	8.275	107	243870	47.843	ug/L	98
51) Chlorobenzene	8.805	112	684228	48.712	ug/L	100
52) Ethylbenzene	8.937	91	1148018	49.467	ug/L	100
53) m,p-Xylene	9.066	106	441335	51.097	ug/L	99
54) o-Xylene	9.471	106	418691	49.653	ug/L	98
55) Styrene	9.487	104	773239	52.675	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.168	83	332388	48.347	ug/L	99
59) Bromoform	9.657	173	172701	48.980	ug/L	99
60) Isopropylbenzene	9.860	105	1155075	49.248	ug/L	100
61) 1,2,3-Trichloropropane	10.201	75	240495	46.849	ug/L	99
62) 1,3,5-Trimethylbenzene	10.471	105	923775	49.818	ug/L	100
63) 1,2,4-Trimethylbenzene	10.844	105	916041	49.650	ug/L	100
64) 1,3-Dichlorobenzene	11.111	146	553377	49.018	ug/L	99
65) 1,4-Dichlorobenzene	11.201	146	573483	48.785	ug/L	100
67) 1,2-Dichlorobenzene	11.570	146	542543	48.614	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.358	75	53406	42.858	ug/L	94
69) 1,3,5-Trichlorobenzene	12.574	180	369740	47.626	ug/L	99
70) 1,2,4-trichlorobenzene	13.191	180	327355	45.448	ug/L	99
71) Naphthalene	13.432	128	788161	41.882	ug/L	100
72) 1,2,3-Trichlorobenzene	13.673	180	324321	45.595	ug/L	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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